Oracle® Enterprise Single Sign-on Logon Manager

Release Notes

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ORACLE

Oracle Enterprise Single Sign-on Logon Manager Release Notes, Release 10.1.4.0.4

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Release Notes

Oracle Enterprise Single Sign-on Logon Manager

Version 10.1.4.0.4

November, 2007

Oracle is releasing version 10.1.4.0.4 of Enterprise Single Sign-on Logon Manager (ESSO-LM). ESSO-LM version 10.1.4.0.4 is the latest edition of the ESSO-LM Agent and Administrative Console. These release notes provide important information about this release. The information in this document supplements and supersedes information in the ESSO-LM product documents.

The following topics are discussed:

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What's New in 10.1.4.0.4

The major new features of this product include:

Enhanced Passphrase Support

The new Passphrase Questions menu in the ESSO-LM Administrative Console provides convenient, comprehensive control over passphrase creation, policy distribution, and enforcement. You can locate this new functionality in the Administrative Console under **Passphrase Questions** in the tree menu. For more information, navigate to this feature and see the ESSO-LM Administrative Console online help.

Enhanced Trace Logging

To facilitate support and troubleshooting procedures, ESSO-LM now includes a utility for enhanced trace logging. For more information, refer to the *How to use Trace Logging* document included in the ESSO-LM online document center.

GINA Replacement for VISTA Added

Network Provider replaces GINA for use with Windows Vista.

Enabled Regular Expression and Wildcard Matching for Web URLs

When creating a web template the user now has the additional options to use regular expressions or wildcard matching for the URL. For more information, refer to the Administrative Console online Help.

Console Version Reference Added to the XML File

In order to facilitate troubleshooting, a reference to the version of the Administrative Console has been added to the XML file.

Support for Database Event Logging

ESSO-LM now provides support for event logging to SQL and Oracle databases. You can locate the settings for this new functionality in the Administrative Console under **Global Agent Settings** > **Event Logging** > **Database**. For more information, refer to the Administrative Console online Help.

Support for Dynamic Control IDs

ESSO-LM now provides support for applications that have Control IDs which change each time the application runs. For more information, refer to the Administrative Console online Help.

Support for OpenLDAP 2.2

ESSO-LM now provides support for OpenLDAP 2.2. The latest version of OpenLDAP requires the CN attribute to exist in order to store credentials.

Support for JRE 1.6.0_01

ESSO-LM now provides support for JRE 1.6.0_01.

Support for IBM Java

ESSO-LM now provides support for enabling automatic installation of JHO files. For more information, refer to Optional Software Support.

Prepopulate Option Added to Session Manager Settings

In the Administrative Console, the **Global Agent Settings** > **Kiosk Manager** settings now include an option to prepopulate fields at startup. This setting enhances session functionality when ESSO-AM is not present. For more information, refer to the Administrative Console online Help.

What's Changed in 10.1.4.0.4

The major changes in this product include:

Support for Hummingbird HostExplorer 9.0 Has Been Removed

ESSO-LM no longer supports Hummingbird HostExplorer 9.0.

Updated Novel Client Pre-Defined Template

The pre-defined template for Novel Client has been updated in the Administrative Console to support version 4.91 SP3.

Improved Performance With LDAP-Based Repositories

The Administrative Console now has the ability to display many objects in an ADAM repository with improved performance.

Documentation Available Online

Technical documentation is no longer bundled with the product. It is now available online at:

http://download.oracle.com/docs/cd/E10805_01/index.htm

Resolved Issues

Issues that were reported in earlier releases that have been resolved in this release include:

Tracking Number	Description of Issue
a8938	ESSO-LM deleted a Java applet's Logon form control information when adding a Change Password form with SendKeys to the template.
a9039	ESSO-LM did not accept credentials when using OpenLDAP 2.2.
a9090	ESSO-LM did not differentiate between SAP 6.20 Logon and Password Change screens.
a9164	ESSO-LM client did not respond to AppWorx password change screen due to a Java error.
a9317	ESSO-LM did not update Java support automatically to accommodate the current version.
a9322	Credential Sharing Groups functioned incorrectly for the username field.
a9377	ESSO-LM did not accept a URL value longer than 28 characters when creating a new entry through the Client application.
a9394	Web Viewer did not display credentials beyond the first page.
a9401	The username text in the Web Viewer logon was difficult to read.
a9438	Templates imported into the console prior to password generation policies cleared the template's association with the policy.
a9446	Some Java applets locked up with ESSO-LM Java support installed.
a9451	ESSO-LM responded slowly to an SAP window when there were multiple templates configured with field matching.
a9499	SAP behaved erratically when using SAP scripting and ESSO-LM.
a9502	The reference fields did not refresh to reflect current data in a template.
a9517	Web Viewer displayed lists incorrectly when switching view options.
a9541	Password change did not support combo boxes when configured in the logon template.
a9553	SSOBHO.exe caused the Add New Logon dialog prompt to loop infinitely when directed to a URL.
a9607	ESSO-LM caused a web browser to hang when directed to a URL.
a9653	ESSO-LM did not disable the shared fields when using shared groups. The fields were pre-filled but still available for changing.
a9694	The MHO timer worked inconsistently, displaying the logon prompt at different intervals following a "Not Now" response.
a9699	With the Startup/Shutdown event and CleanupOnShutdown enabled, ESSO-LM logging did not record a shutdown event.
a9826	Launching a Java application from within an Internet Explorer window caused the system to hang while SSObho.exe was running.
a9828/ a9890	When using COs, host or web applications in a Credential Sharing Group could not be brought back to the Administrative Console.

Tracking Number	Description of Issue
a9834	Some applications responded slowly with ESSO-LM installed.
a9856	ESSO-LM switched a tab and brought the logon fields into view even though the Agent was configured to exclude the website.
a9886	Adding a host or web application when using COs disabled the application and displayed an incorrect Credential Sharing Group in Logon Manager.
a9887	ESSO-LM Launcher did not process the “command” switch correctly.
a9894	Firefox terminated unexpectedly during shutdown after a period of use.
a9898	ESSO-LM slowed the response of an application that used a Java applet.
a9968	ESSO-LM slowed addition of application templates when adding them to an ADAM instance after enabling Provisioning permissions.
a9878 a9982	Modifying an existing logon from a previous encryption caused the Agent to terminate unexpectedly.
a9989	Multiple servers in AD settings did not synchronize the user properly with Trusted Domains.
a9990	The V2 authenticators read the user and domain names from an incorrect registry location.
a9992	In Add New Logon wizard, the username field remained disabled when selecting “Exclude from password sharing group.”
a10011	When using Credential Sharing Groups and adding the logon for the first time, the username field in the New Logon wizard was pre-populated and disabled on some applications.
a10012	ESSO-LM Client did not respond to some applications on startup.
a10013	ESSO-LM does not permit the user to learn and fill a web application through an RDP session on Terminal services when another RDP session is running.
a10015	Using Scrolling Screen Emulator, ESSO-LM displayed the “Logon Error” dialog box instead of auto-submitting.
a10017	The title bar icon disappears when navigating to a website with a logon.

Open Issues

Issues that remain open in this release include:

Tracking Number	Description
a6384	Changing applications from one credential sharing group to another may cause problems. For correct functionality, create a new group or a new configuration.
a7607	Japanese agent does not submit double-byte characters to mainframe host applications properly.
a9249	ESSO-LM may stop responding to web applications intermittently.
a9464	DOS applications incorrectly handle credentials containing the ‘@’ symbol.
a9623	A Visual Basic application terminates unexpectedly when sending macros to a PCom 5.8 emulator.
a9666	The authenticator hangs when using /forceverify after a change password.
a9837	ESSO-LM is not responding to PCom 5.7.
a9859	ESSO-LM freezes after hibernation/standby, when moving from an Ethernet to a wireless connection or after the LDAP password has changed.
a9865	ESSO-LM hangs after the LDAP password has changed.
a9874	ESSO-LM does not support templates for Firefox popup windows.
a10070	In Microsoft Vista the “Use GINA” feature in ESSO-LM does not lock the workstation.

Hardware and Software Requirements

The ESSO-LM hardware and software requirements are listed under the following sections:

- Supported Operating Systems
- System Requirements
  - Disk Space Requirements
  - Memory Requirements
  - Processor Requirements
- Software Prerequisites
  - Microsoft .NET Framework
  - Windows Installer
  - Repositories
  - Browsers
- Optional Software Support
  - Java
  - Host Emulators
  - Windows Event Logging
  - Citrix MetaFrame
  - Presentation Server
  - SAP

Supported Operating Systems

The ESSO-LM components are supported on the following Operating Systems:

Operating System	Versions Supported
Microsoft® Windows® 2000	SP4
Microsoft Windows XP Professional	SP2
Microsoft Windows Server 2003	SP1
Microsoft Vista	Business Edition, v2

System Requirements

The ESSO-LM components system requirements are as follows:

Disk Space Requirements

Disk space requirements for the Agent

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI	30 MB	30 MB	2 MB / user
EXE	30 MB	45 MB	2 MB / user

Disk space requirements for the Console

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI	20 MB	15 MB	2 MB / user
EXE	20 MB	65 MB	2 MB / user

Other disk space requirements

The following components require additional disk space requirements:

- Microsoft Windows Installer: 20 MB hard drive space (if not present and if used)
- Microsoft .NET Framework 2.0: 20 MB hard drive space (if not present)

A note about MSI installer vs. EXE installer

The disk space requirements are different for the MSI and EXE installers as there are differences in the capabilities of these installers:

- The EXE installer file includes Microsoft .NET Framework version 2.0, which is a requirement for the SSO Administrative Console.
- The EXE installer file can be run in multiple languages. The MSI file is English-only.
- The MSI installer package is a database file, used by Windows Installer. This is a standard format used by installers from Microsoft and other vendors, and many other installers can read MSI files. The Microsoft Windows Installer exists as a service (Windows Installer) on all Microsoft Windows 2000/XP computers (refer to Microsoft Knowledgebase article #q255905). You can customize the MSI package to meet special requirements, such as:
  - Providing custom applications and SSO agent configurations.
  - Deactivating some options or components (i.e., different authenticators) before the end users install the Agent themselves.
  - Adding options or components to accommodate a complex environment, for example, one using biometric security devices or having an unusual network topology.

Memory Requirements (ESSO-LM Application + Operating System)

Memory requirements for the Agent

- Minimum: 256 MB RAM
- Recommended: 512 MB RAM

Memory requirements for the Console

- Minimum: 256 MB RAM
- Recommended: 512 MB RAM

Memory requirements for Microsoft Vista

- Minimum: 512 MB RAM
- Recommended: 1 GB RAM

Note: Although this application can run in an environment with the minimum amount of memory installed, the computer's memory usage should be monitored and additional memory added as needed. A low memory condition can cause this application to fail.

Processor Requirements

Processor requirements for the Agent and Console

- Minimum: 1 GHz processor
- Recommended: 1.6 GHz processor

Software Prerequisites

The ESSO-LM components software prerequisites are as follows:

Microsoft .NET Framework

- Microsoft .NET Framework 2.0 is required for Administrative Console.

Windows Installer

- Windows Installer 2.0 is required for the MSI installer file.

Repositories

The ESSO-LM components require one of the following repositories to be installed:

Repository	Versions Supported
Microsoft Active Directory	2000, 2003
Microsoft Active Directory Application Mode	2003 SP1
IBM Tivoli Directory Server	5.2
Sun Java System Directory Server	5.1, 5.2
Oracle Internet Directory	10.1.4.0.1
Novell eDirectory	8.8 SP1
Open LDAP Directory Server	2.0.27, 2.2
Critical Path Directory Server	4.0
IBM DB2 Database	8.1.6
Oracle Database Management System	10g
Microsoft SQL Server	2000

Browsers

The ESSO-LM components require one of the following browsers to be installed:

Browser	Versions Supported
Internet Explorer	6.0 SP1, 7.0
Mozilla Firefox	1.0, 2.0

Optional Software Support

Java

- Java support: Java Runtime Environment (JRE), version 1.3, 1.4, 1.5, 1.6
  - The JRE must be installed on the workstation prior to installing the ESSO-LM Agent.

Host Emulators

- Support for virtually any HLLAPI, EHLLAPI or WinHLLAPI-based emulator.
  - Please contact Oracle Support for specific emulator versions supported.

Windows Event Logging

- Windows event logging requires Microsoft Windows Server configured for Event Logging when being redirected to a central server.

Citrix MetaFrame/Presentation Server

- Citrix Metaframe support requires Metaframe XP Feature Release 3.
- Citrix Presentation Server support requires Presentation Server version 4.5.

SAP

- SAP support requires version 7.0, 6.40, and 6.20 patch level 23.

Supported Emulators and Applications

Host Emulators

ESSO-LM supports the following host emulators out-of-the-box:

Emulators	Versions Supported
Attachmate Extra!	X-treme, 2000, 6.5, 6.4, 6.3
Attachmate myExtra! Presentation Services	7.1, 7.0
BOSaNOVA TCP/IP	6.0, 5.0
Ericom PowerTerm Interconnect	8.2.0, 6.6.2
GLink	6.0,
Hummingbird Exceed	11.0, 10.0, 9.0
Hummingbird HostExplorer	11.0, 10.0, 9.0
IBM HostOnDemand	9.0, 8.0, 4.0
IBM PCOM	5.8, 5.6, 5.5, 4.3
Irma for the Mainframe	4
NetManage NS/ElitePlus for Mainframe	3.12
NetManage Rumba	7.5, 7.1, 6.0
NetManage ViewNow	1.0.5
ScanPak (Eicon) Aviva	9.1, 9.0, 8.1
SDI Limited TN3270 Plus	
Seagull BlueZone	4.0, 3.4
WRQ Reflection	10.0, 9.0, 8.0, 7.0
Zephyr Passport PC to Host	2005
Zephyr Passport Web to Host	2005

Pre-configured Applications and Templates

ESSO-LM supports the following applications out-of-the-box:

Applications	Versions Supported
Act	6.0, 5.0, 4.0, 3.0
Adobe Reader	6.0, 5.1, 5.05, 4.05
AIM (AOL instant Messenger)	5.5, 5.2
Citrix ICA Client / Program Neighborhood	9.15, 9.0
Entrust	7.0, 6.1, 6.0, 5.5, 5.0, 4.0
Ericom PowerTerm Interconnect	8.2.0, 6.6.2
Eudora	6.1, 5.2, 5.1.1, 5.0.2, 4.2
GoldMine	6.5, 6.2, 5.7, 5.0, 4.0
ICQ	2002a, 4.0
Lotus Notes	6.5, 6.0, 5.0
Lotus Organizer	6.1, 6.0, 5.0, 4.1
Meeting Maker	8.0, 7.3, 7.2, 7.1, 7.0, 6.0, 5.5.2
Microsoft FrontPage	2003, XP, 2000
Microsoft Outlook	2003, XP, 2000
Microsoft Word	2003, XP, 2000
MSN Messenger	7.5, 6.2, 5.0
Netscape Mail	7.1, 7.0
Novell GroupWise	6.5, 6.0, 5.5
Novell LAN Workplace Pro	6.2, 5.2, 5.1
PKZip	8.0, 5.0
QuickBooks Pro (Password-Only)	2004, 2003, 2002, 2001, 2000
SAP	6.40 (trial version), 6.20
Visual SourceSafe	2005, 6.0
Windows Live Messenger	8.0,
WinZip	9.0, 8.1, 8.0, 7.0
Yahoo! Messenger	5.6, 5.5

Technical Notes

This section describes important technical information about this release.

Synchronization

Database support requires that client connectivity support be installed for the specific database(s).

Event Manager

The XML log file plug-in continually expands/appends file; log file should be cleaned up periodically (from the user's AppData\Passlogix folder) if it is used as part of a solution.

Logon Support

Embedded browser support, such as from within Lotus Notes, requires that IE 6.0 be installed. It is not consistent with previous versions of the browser.

Under Windows Server 2003 (as well as Windows XP SP2), browser helper object support is (or can be) turned off; this security setting is no longer required to be on for ESSO-LM to function properly and can be turned off if it is no longer needed.

Backup/Restore

Conflicts may occur when using Backup/Restore functionality in conjunction with synchronizer usage; it is not suggested that a deployed solution utilize both mechanisms and that Backup/Restore only be used in Stand-alone installations.

Java Sun Plug-in Applets

The Java Applet using Java Sun Plug-in 1.1.3 must be clicked on before the ESSO-LM Agent responds to it. The plug-in loads the JHO only after the user clicks into the applet UI.

Oracle JInitiator 1.1.8.X functions without this problem.

BHO May Prevent Explorer Windows Taskbar Button from Functioning Properly

Note: This issue occurs on Windows 2000 only.

BHO may prevent explorer windows taskbar button functionality from working properly. When right-clicked, none of the options that appear in the taskbar button menu will respond when clicked. This issue only occurs when the explorer window is open in the foreground. When the window is minimized, the taskbar button functionality works as expected.

Citrix Published Applications Using SendKeys: Cannot Use 'Set Focus' Feature

When using SendKeys with Citrix published applications, the SendKeys 'Set Focus' feature cannot be used. The reason this feature cannot be used is because Citrix application windows are painted, so there are no controls on the window. In order for 'Set Focus' to function, it needs to reference a window's controls.

Citrix Published Applications: SendKeys Does Not Process 'Enter' or 'Tab' Properly

When setting up a Citrix published applications using regular SendKeys with 'Enters' or 'Tabs' in between each field, the 'Enters' and 'Tabs' are not processed correctly - they are processed in a random order.

The issue is that the separator characters submitted between fields (typically 'Enter' or 'Tab' characters) are not processed by the Citrix application in the correct sequence resulting in inconsistent behavior.

The solution is to modify the application template to add a delay between the fields. For example, if the current application template is configured like this:

[Username]
[Tab]
[Password]
[Tab]
[Enter]

Delays should be added in between fields:

[Username]
[Delay 0.1 sec]
[Tab]
[Password]
[Delay 0.1 sec]
[Tab]
[Enter]

Net Soft's NS/Elite Emulator Causes ESSO-LM to Intermittently Display 'End Program' Message When Logging Off or Restarting a Machine

Net Soft's NS/Elite emulator causes ESSO-LM to display an 'End Program' message when logging off or restarting a machine. This behavior is only seen intermittently.

Note: Clicking 'End program' may result in credentials not being cleaned up (if 'Delete Local Cache' is turned on in the Administrative Console).

ESSO-LM Is Incompatible with Mozilla Firefox Using Microsoft Vista's Built-In Administrator Account

The standard built-in administrator account in Microsoft Vista creates compatibility issues with ESSO-LM and Mozilla Firefox. All other accounts work properly. To work around this issue, create a standard user or administrator account to run Firefox when using Vista.

Product Documentation

The following documents support this product:

- *Oracle Enterprise Single Sign-on Logon Manager Installation and Setup Guide*
- *Oracle Enterprise Single Sign-on Logon Manager User Guide*
- *Oracle Enterprise Single Sign-on Web Viewer Installation and Setup Guide*
- *SSOAdmin.chm – Oracle Enterprise Single Sign-on Logon Manager Administrative Console Help*